

Applic. No.: 10/616,113
Amdt. Dated May 24, 2006
Reply to Office action of March 13, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claim 1 (currently amended). In a housing, a configuration for protecting against electrostatic and electromagnetic disturbances of electronic components, comprising:

at least first and second housing parts detachably connected to one another at a transition, said first and second housing parts each having end surfaces fitting with one another to spread electrical contact on a largest possible surface area therebetween, each of said end surfaces of said first and second housing parts having at least a first and a second corresponding bend in order to form an interlocked u-shaped profile, for providing additional protection against electrostatic and electromagnetic disturbances at the transition of said housing parts.

Claim 2 (original). The configuration according to claim 1, wherein said first and second housing parts define an air gap therebetween, said air gap being sufficiently small to allow electrical contact to occur between said first and second

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housing parts over a substantial majority of said surface area.

Claim 3 (original). The configuration according to claim 1, wherein said end surfaces are at a right angle to said first and second housing parts.

Claim 4 (currently amended). The configuration according to claim 1, wherein said at least ~~one~~ a first and a second bend ~~is~~ are a right angle.

Claim 5 (original). The configuration according to claim 1, wherein said end surfaces are form-locking and have profiles with a number of sides at which electrically conductive contact occurs.

Claim 6 (original). The configuration according to claim 1, wherein said first and second housing parts define an air gap therebetween and said air gap is filled with a formable and electrically conductive seal.

Claim 7 (original). The configuration according to claim 1, wherein at least one of said first and second housing parts is of sheet metal.

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Claim 8 (original). The configuration according to claim 1,
wherein:

said first and second housing parts have end surfaces; and

one of said end surfaces of at least one of said first and
second housing parts has contact elements in conductive
contact with another of said end surfaces of a respective
other one of said first and second housing parts.

Claim 9 (original). The configuration according to claim 8,
wherein said contact elements are disposed along said end
surface at regular intervals.

Claim 10 (original). The configuration according to claim 8,
wherein said one of said first and second housing parts having
said contact elements is of sheet metal.

Claim 11 (original). The configuration according to claim 10,
wherein at least one of said contact elements is a link plate
formed from said sheet metal.

Claim 12 (original). The configuration according to claim 10,
wherein said contact elements each are link plates formed from
said sheet metal.

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Claim 13 (original). The configuration according to claim 11, wherein said at least one contact element has a free end with a contact-forming embossing in a direction of said other one of said first and second housing parts not having said contact elements.

Claim 14 (original). The configuration according to claim 8, wherein at least one of said contact elements is resilient.

Claim 15 (original). The configuration according to claim 8, wherein:

said one of said first and second housing parts having said contact elements has a given thickness; and

said contact elements each have said given thickness.

Claim 16 (original). The configuration according to claim 8, wherein:

said contact elements each have free ends with contact-forming embossings;

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said contact elements lie in a given plane with said one of said first and second housing parts having said contact elements; and

said embossings protrude beyond said given plane in a direction of said other one of said first and second housing parts not having said contact elements.

Claim 17 (original). The configuration according to claim 8, wherein said contact elements are disposed beyond said bend and follow a form of said bend.

Claim 18 (original). The configuration according to claim 8, wherein:

said one of said first and second housing parts having said contact elements has an extent from a given portion through said at least one bend to an end; and

said contact elements are disposed between said at least one bend and said end and follow a form of said at least one bend.

Claim 19 (currently amended). In a housing, a configuration for protecting against electrostatic and electromagnetic disturbances of electronic components, comprising:

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at least first and second housing parts detachably connected to one another at a transition, said first and second housing parts each having end surfaces fitting with one another to spread electrical contact on substantially all of a surface area therebetween said end surfaces, each of said end surfaces of said first and second housing parts having at least a first and a second corresponding bend in order to form an interlocked u-shaped profile, for providing additional protection against electrostatic and electromagnetic disturbances at the transition of said housing parts, said end surfaces being form-locking and having profiles with at least two sides at which electrically conductive contact occurs.

Claim 20 (original). The configuration according to claim 19, wherein:

said first and second housing parts have end surfaces; and

one of said end surfaces of at least one of said first and second housing parts has contact elements in conductive contact with another of said end surfaces of a respective other one of said first and second housing parts.

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Claim 21 (original). The configuration according to claim 20,
wherein:

said one of said first and second housing parts having said
contact elements has a given thickness; and

said contact elements each have said given thickness.

Claim 22 (original). The configuration according to claim 20,
wherein:

said contact elements each have free ends with contact-forming
embossings;

said contact elements lie in a given plane with said one of
said first and second housing parts having said contact
elements; and

said embossings protrude beyond said given plane in a
direction of said other one of said first and second housing
parts not having said contact elements.